

XXII. *Journal of the Weather at Montreal. By Mr. Barr.*
Communicated by Richard Saunders, M. D. F. R. S.

TO SIR JOHN PRINGLE, BART. P. R. S.

S I R,

Brighton,
 4th Sept. 1777.

Read Feb. 26,
 1778.

SOME days ago I received the inclosed
 Journal of the weather, kept by Mr.
 BARR, for a few of the winter months, at Montreal, with
 a desire to put it into your hands. I understand that the
 winter was thought particularly mild. The thermometer
 was FAHRENHEIT's graduated 50 degrees below α . I ob-
 serve that the wind never blew from the north; nor do I
 know that it ever blew from that quarter while I was in
 America.

I have the honour to be, &c.

R. SAUNDERS.

FOR DECEMBER, 1776.					
Days of the Month.	Thermometer.		Snow	Wind	Remarks.
	Morning	Evening			
	°	°	Inches		
14	+ 10	- 4	3	NE	Clear.
15	+ 2	+ 30		NW	Cloudy, the first fall of snow at night
16	+ 16	+ 2		NW	Clear.
17	- 4	+ 22		NW	Clear.
18	+ 20	+ 8		NW	Clear, the wind high.
19	- 2	at 0	a little	NW	Calm, a fine calm morning.
20	+ 2	+ 20		NE	Cloudy.
21	+ 24	+ 26		NE	Cloudy.
22	+ 24	+ 14		NW	Clear.
23	+ 15	+ 12		NW	Clear.
24	+ 4	+ 6	some	NW	Clear.
25	at 0	+ 8		NW	Clear, and a little wind. It is worth observing, that the wind is never high when the thermometer is low
26	+ 8	+ 20		NE	
27	+ 16	+ 10		NE	Cloudy.
28	+ 11	+ 16		NE	Cloudy.
29	+ 16	+ 18	a little	E	Cloudy.
30	+ 16	+ 20		NE	Cloudy.
31	+ 22	+ 30		S	Cloudy, some rain in the night.

FOR JANUARY, 1777.					
Days of the Month.	Thermometer.		Snow	Wind	Remarks.
	Morning	Evening			
	°	°	Inches		
1	+32½	+30		S	Cloudy, some rain.
2	+20	+4		NW	Clear, the wind high.
3	-2	+16		NW	Clear, little wind.
4	+14	+18	a little	E	Cloudy.
5	+8	+8	some	NE	Clear.
6	+2	+2		NE	Clear.
7	at 0	+8	some	NE	Cloudy.
8	at 0	+6		NW	Clear.
9	+6	+10		NE	Cloudy.
10	+16	+12		NW	Cloudy, little wind.
11	+6	+16		NW	Clear.
12	+14	+18		NW	Clear.
13	+14	+12		NW	Cloudy.
14	+2	+10	4	NW	Clear, little or no wind.
15	+10	+12	a little	NE	Cloudy.
16	+10	+8		NE	Clear.
17	-2	at 0		NE	Cloudy.
18	-6	+6		NW	Cloudy.
19	+10	+24	4	NW	Cloudy, a little snow.
20	+30	+30		SW	Clear.
21	+20	+11		W	Clear.
22	+6	+2		NE	Clear.
23	+2	+20		NE	Clear, very little wind.
24	+30	+40	1	SE	{ Clear, in the morning snow, and rain in the evening.
25	+40	+31		SE	Cloudy, some rain.
26	+28	+30		SE	Cloudy.
27	+21	+24		NE	Clear.
28	+16	+18		NE	Clear.
29	+10	+20		NE	Clear.
30	+18	+22		NE	Clear.
31	+10	+16		W	Clear.

FOR FEBRUARY, 1777.					
Days of the Month.	Thermometer.		Snow	Wind	Remarks.
	Morning	Evening			
	°	°	Inches		
1	+16	+ 2		NE	Clear, this night a little snow.
2	+32	+22		NE	Cloudy.
3	+12	+10		NE	Cloudy.
4	+ 2	+28	1½	W	Clear, snow in the night.
5	+32	+ 8		SW	Cloudy, some rain, wind high.
6	- 6	+ 6		NW	Clear.
7	+ 8	+20		NW	Clear.
8	+20	+22	2	SW	Cloudy.
9	+26	+28		NE	Cloudy.
10	+22	+30		SW	Clear.
11	+26	+24	½	NE	Cloudy.
12	+ 6	+ 4		NW	Clear.
13	at 0	+12			Clear, little or no-wind.
14	- 2	+20		NE	Clear.
15	+ 6	+12		NE	Clear.
16	+ 6	+20		NE	{ Clear, a large circle round the moon this evening.
17	+10	+22		NW	Clear.
18	+12	+ 8		NE	Cloudy.
19	at 0	+ 8		NE	Clear, little wind.
20	+ 2	+12		NE	Cloudy, a little snow in the night.
21	+12	+30	4	NE	Cloudy.
22	+28	+32		NE	Cloudy.
23	+28	+30		SE	Cloudy.
24	+26	+28		NE	Cloudy.
25	+22	+24		E	Clear.
26	+22	+32		NW	Clear.
27	+22	+12	some	NW	{ Cloudy, very little wind, and westerly in the evening.
28	+ 4	+ 8	2	NW	Clear.

FOR MARCH, 1777.					
Days of the Month.	Thermometer.		Snow	Wind	Remarks.
	Morning	Evening			
	°	°	Inches		
1	- 4	+ 8		NW	Clear.
2	+ 2	+ 16		NE	Clear.
3	+ 8	+ 30		W	Clear.
4	+ 30	+ 10		W	Cloudy.
5	+ 6	+ 14		NW	Clear.
6	+ 12	+ 30		NW	Clear.
7	+ 28	+ 31		SW	Clear.
8	+ 26	+ 36		NW	Clear.
9	+ 32	+ 36		SW	Cloudy, with rain.
10	+ 36	+ 34		NW	Cloudy, with rain.
11	+ 28	+ 36		NW	Clear.
12	+ 36	+ 36		SW	Cloudy, with rain.
13	+ 28	+ 44		NW	Clear.
14	+ 32	+ 42		NW	Clear.
15	+ 38	+ 40		NE	Cloudy.
16	+ 38	+ 36		E	Cloudy, with thunder and rain.
17	+ 32	+ 32		NW	Clear.
18	+ 27	+ 32		NW	Clear.
19	+ 24	+ 32		NE	Clear.
20	+ 29	+ 36		E	{ Clear, wind high, and heavy rain, ice on the river begins to break up.
21	+ 33	+ 32	some	S	Cloudy.
22	+ 30	+ 27		W	Cloudy.
23	+ 34	+ 31	some	SW	Cloudy.
24	+ 32	+ 30		W	Cloudy.
25	+ 28	+ 24		NW	Cloudy.
26	+ 20	+ 21		NW	Cloudy.
27	+ 12	+ 14		NW	Clear.
28	+ 12	+ 18		NW	Clear.
29	+ 18	+ 24		W	Cloudy.
30	+ 28	+ 34	some	NW	Clear, some snow, with rain at night.
31	+ 30	+ 34		E	Cloudy.

